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Mechanization of coal mines. By Constantin Agghir

The stages of mechanization for the industry in general, its aim and the method of determining its economy are discussed.

By citing the order of magnitude of the mass of raw material moved by the coal mining industry, it is explained why this industry is classified as a heavy industry.

A discussion of the characteristics of mining work shows the financial and technical difficulties involved in mechanization and the methods of overcoming them.

The characteristic data of the degree of mechanization and of concentration underground are given, and the present stage of mechanization of coal mines is shown.

Considering the difficulties of the coal mining industry caused by the competition offered by petroleum and natural gas, the author believes that planned production of fuels, from the viewpoint of available reserves, will help the coal mining industry in intensifying the underground mechanization and in reducing its overhead.